

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: **Shinji IIO, et al.**

Serial Number: **Not Yet Assigned**

Filed: **January 26, 2004**

**Customer No.: 38834**

For: **OPTICAL SWITCH**

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**January 26, 2004**

Sir:

In compliance with 37 CFR 1.56, Applicant(s) call(s) to the attention of the Patent and Trademark Office the references listed on the attached PTO-1449.

A copy of each of the references is enclosed herewith.

In the event there are any fees due in connection with the filing of this paper, please charge  
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Respectfully submitted,  
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Enclosures: PTO-1449; References (10)

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**INFORMATION  
DISCLOSURE  
STATEMENT  
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Atty. Docket No. 032179 Serial No. New Appln.

Applicant(s): Shinji IIO, et al.

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Group Art Unit:

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
	AA					
	AB					

**FOREIGN PATENT DOCUMENTS**

	Document No.	Date	Country	Translation (Yes or No)
	AC 4-320219	11/11/92	Japan	Abstract & Discussed in the Spec.
	AD 5-249508	09/28/93	Japan	Abstract & Discussed in the Spec.
	AE 6-59294	03/04/94	Japan	Abstract & Discussed in the Spec.
	AF 6-62450	03/04/94	Japan	Abstract & Discussed in the Spec.
	AG 6-130236	05/13/94	Japan	Abstract & Discussed in the Spec.
	AH 6-289339	10/18/94	Japan	Abstract & Discussed in the Spec.
	AI 8-82810	03/26/96	Japan	Abstract & Discussed in the Spec.

**OTHER DOCUMENTS**

AJ	“2x2 Optical Waveguide Switch with Bow-Tie Electrode Based on Carrier-Injection Total Internal Reflection in SiGe Alloy,” Baojun Li and Soo-Jin Chua, pages 206-208, IEEE PHOTONICS TECHNOLOGY LETTERS, VOL. 13, NO.3, MARCH 2001
AK	Baojun Li, Guozheng Li, Enke Liu, Zuimin Jiang, Chengwen Pei and Xun Wang, Appl. Phys. Lett., pp. 1-3, 75 (1999)
AL	K. Ishida, H. Nakamura, H. Matsumura, T. Kadi, and H. Inoue, Appl. Phys. Lett., pp.141-142, 50(3), 19 (1987)

Examiner

Date Considered